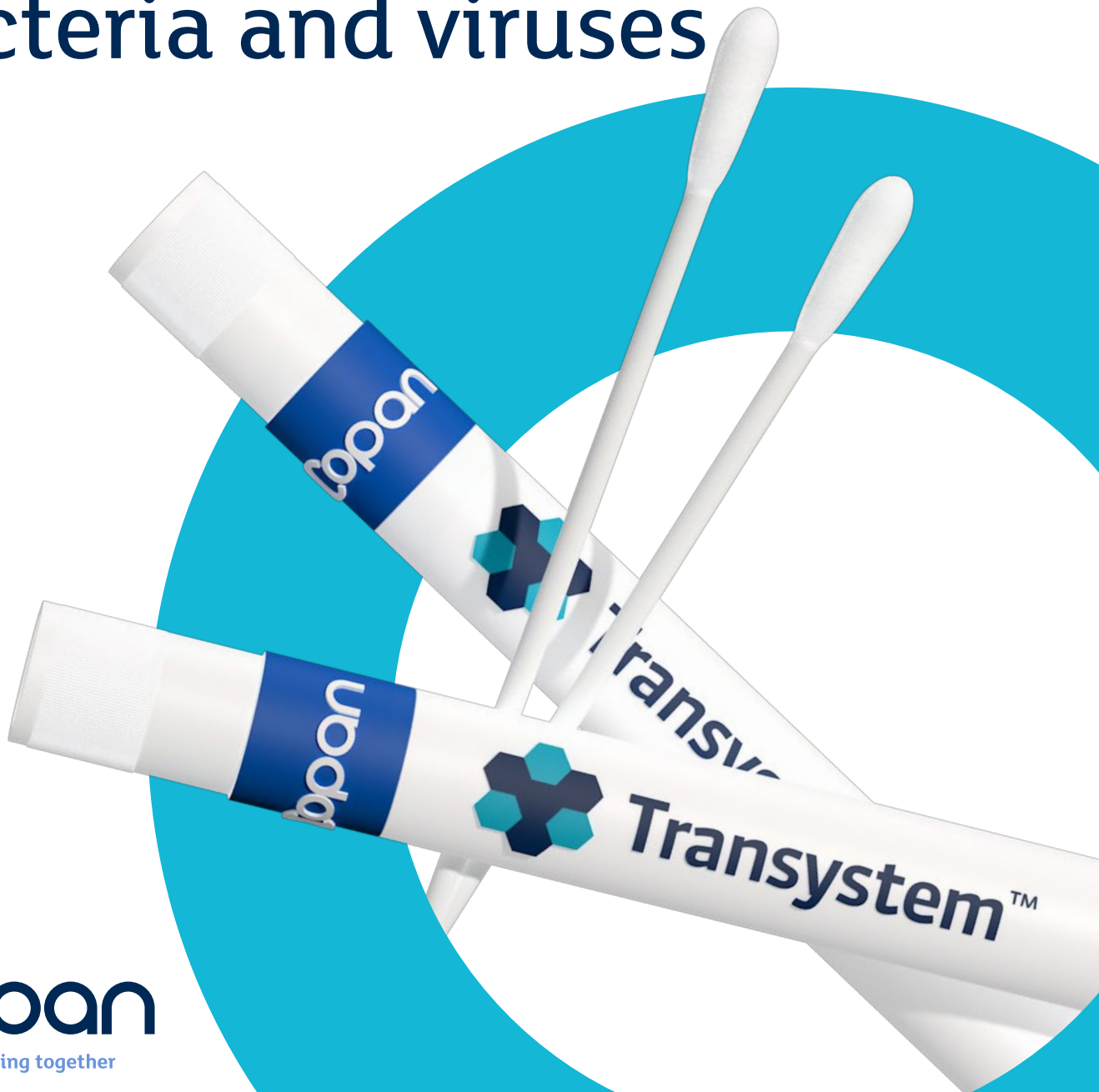


Transystem™

Traditional swab to collect and transport aerobic, anaerobic bacteria and viruses



Copan Transystem™ are sterile ready-to-use systems intended for the collection, transport, and preservation of clinical specimens for bacteriological examinations, Chlamydiae and viral culture.



Swab variety

Available in combination with different applicator shafts to facilitate sampling from various anatomical sites.



Proprietary State of the Art Outer Packaging

Transystem™ preserves the media with VI-PAK, its state-of-the-art recyclable packaging, proven to provide the ultimate product protection and shelf-life stability.



Media variety

Choose between liquid or solid Amies and Stuart medium for aerobic culture, rapid antigen, and molecular testing; opt for gel Cary-Blair medium - with or without charcoal - for aerobic and anaerobic cultures.



CLSI M40-A2

Transystem™ M40 is compliant with CLSI M40-A2 Quality Control for Microbiological Transport System standards.

Unique product design

Venturi hourglass tube

The Venturi unique “hourglass” design eliminates air pockets - harmful to anaerobe bacteria - preventing dehydration and breakdown of the gel column. Moreover, the plastic barrier and the VI-PAK metallic foil block oxygen entry, preventing unwanted oxidation of the transport medium.

Fields of application

Prenalytics made different



Respiratory Diseases¹⁻⁵



Gastrointestinal Diseases⁶⁻¹¹



STI & HPV^{3,12,13,14}



Cutaneous Infections^{15,16}



Genetics & Microbiome¹⁸

Preservation

Transystem™ Performance

Copan Transystem™ is able to maintain the viability of the following organisms for 24 hours at both room temperature (20-24°C) and in the refrigerator (2-8°C):

- Aerobic and Anaerobic organisms including *Neisseria gonorrhoeae*
- Coxsackie virus B4, Herpes Simplex Virus Type 2, Influenza A, Respiratory Syncytial Virus, Varicella Zoster Virus
- *Chlamydia trachomatis*

Please note: the refrigerated transport gives always better results than room temperature transport.

Laboratory

Handling and Processing

Samples collected with Copan Transystem™ are suitable for viral culture, bacterial culture of anaerobes, aerobes and fastidious organisms including *Neisseria gonorrhoeae*, and Chlamydia culture.

Scientific literature reports sample collection and transport with Transystem prior to:

- Bacterial culture^{1-13,15,17}
- Molecular-based assays^{6,7,10,11,12,13,16,18}





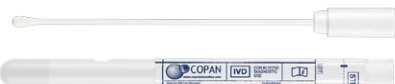
Transystem™









Ordering information





Choose between different media and applicators types.

Cat N.	Description	Pack size	Sample*
108C.USE	Plastic applicator, regular rayon tip, Amies gel without charcoal, light blue cap 	500 pieces 10 vi-paks of 50 pieces	Mouth, throat, vagina, wounds
108CSR	Plastic applicator, regular rayon tip, Amies gel without charcoal, light blue cap double packaging for sterile room 	150 pieces 10 boxes of 15 pieces	Mouth, throat, vagina, wounds
110C.USE	Aluminium applicator, rayon minitip, Amies gel without charcoal, orange cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric

Cat N.	Description	Pack size	Sample*
111C.USE	Plastic applicator, regular rayon tip, Stuart gel without charcoal, light blue cap 	500 pieces 10 vi-paks of 50 pieces	mouth, throat, vagina, wounds
113C.USE	Aluminium applicator, rayon minitip, Stuart gel without charcoal, orange cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
114C.USE	Plastic applicator, regular rayon tip, Amies gel with charcoal, black cap 	500 pieces 10 vi-paks of 50 pieces	mouth, throat, vagina, wounds
116C.USE	Aluminium applicator, rayon minitip, Amies gel with charcoal, orange cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
117C.USE	Plastic applicator, regular rayon tip, Stuart gel with charcoal, black cap 	500 pieces 10 vi-paks of 50 pieces	mouth, throat, vagina, wounds
119C.USE	Aluminium applicator, rayon minitip, Stuart gel with charcoal, orange cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
124C.USE	Soft aluminium applicator, rayon minitip, Amies gel without charcoal, green cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
125C.USE	Soft aluminium applicator, rayon minitip, Amies gel with charcoal, green cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric

Cat N.	Description	Pack size	Sample*
126C.USE	<p>Soft aluminium applicator, rayon minitip, Amies liquid medium, green cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>eye, ENT, urogenital, pediatric</p>
132C.USE	<p>Plastic applicator, regular rayon tip, Cary Blair gel medium, red cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
134C.USE	<p>Dual swab plastic applicators, regular rayon tip, Amies gel without charcoal, light blue cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
136C.USE	<p>Dual swab plastic applicators, regular rayon tip, Amies gel with charcoal, white cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
138C.USE	<p>Dual swab plastic applicators, regular rayon tip, Amies liquid medium, red cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
139C.USE	<p>Dual swab plastic applicators, regular rayon tip Stuart liquid medium, red cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
140C.USE	<p>Plastic applicator, regular rayon tip, Amies liquid medium without charcoal, white cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>
141C.USE	<p>Plastic applicator, regular rayon tip, Stuart liquid medium without charcoal, white cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>mouth, throat, vagina, wounds</p>

Cat N.	Description	Pack size	Sample*
142C.USE	<p>Aluminium applicator, rayon minitip, Amies liquid medium without charcoal, red cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>eye, ENT, urogenital, pediatric</p>
143C.USE	<p>Aluminium applicator, rayon minitip, Stuart liquid medium without charcoal, red cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>eye, ENT, urogenital, pediatric</p>
144C	<p>Chlamydia swab plastic applicator, polyester tip, liquid medium, yellow cap</p> 	<p>250 pieces 10 boxes of 25 pieces</p>	<p>throat, cervix, vulva, vagina, rectum</p>
145C	<p>Chlamydia swab aluminium applicator, polyester tip, liquid medium, yellow cap</p> 	<p>250 pieces 10 boxes of 25 pieces</p>	<p>eye/conjunctiva, urethra</p>
146C	<p>Chlamydia swab twisted applicator, polyester tip, liquid medium, yellow cap</p> 	<p>250 pieces 10 boxes of 25 pieces</p>	<p>nasopharynx</p>
148C	<p>Viro swab aluminium applicator, polyester tip, liquid medium, violet cap</p> 	<p>250 pieces 10 boxes of 25 pieces</p>	<p>throat, cervical, vulvar, vaginal, rectal, nasal, dermal lesions and lesions of genital or mouth mucosa</p>
149C	<p>Viro swab twisted applicator, polyester tip, liquid medium, pink cap</p> 	<p>250 pieces 10 boxes of 25 pieces</p>	<p>nasopharynx</p>
190C.USE	<p>Twisted applicator, rayon minitip, Amies gel without charcoal, light blue cap</p> 	<p>500 pieces 10 vi-paks of 50 pieces</p>	<p>eye, ENT, urogenital, pediatric, np</p>

Cat N.	Description	Pack size	Sample*
191C.USE	Twisted applicator, rayon minitip, Amies liquid medium without charcoal, light blue cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
192C.USE	Twisted applicator, rayon minitip, Amies gel with charcoal, light blue cap 	500 pieces 10 vi-paks of 50 pieces	eye, ENT, urogenital, pediatric
408C	Plastic applicator, regular rayon tip m40 Amies gel without charcoal 	500 pieces 10 vi-paks of 50 pieces	mouth, throat, vagina, wounds
414C	Plastic applicator, regular rayon tip m40 Amies gel with charcoal 	500 pieces 10 vi-paks of 50 pieces	mouth, throat, vagina, wounds

*Suggested table. Please refer to your GLP procedures to choose the most appropriate device for the specific sampling site

Scientific references

All the independent studies we cited in this product focus are listed here.

1. Hadjipanayis A et al (2016) Nasopharyngeal Pneumococcal Carriage among Healthy Children in Cyprus Post Widespread Simultaneous Implementation of PCV10 and PCV13 Vaccines. *PLoS ONE* 11(10): e0163269
2. Immergluck LC et al (2017) Risk of Skin and Soft Tissue Infections among Children Found to be *Staphylococcus aureus* MRSA USA300 Carriers. *West J Emerg Med* 18(2): 201-212
3. Ugarte Torres A et al (2017) The epidemiology of *Staphylococcus aureus* carriage in patients attending inner city sexually transmitted infections and community clinics in Calgary, Canada. *PLoS ONE* 12(5): e0178557
4. Marli Bes T et al (2018) Prevalence of methicillin-resistant *Staphylococcus aureus* colonization in individuals from the community in the city of Sao Paulo, Brazil. *Rev Inst Med Trop Sao Paulo* 60: e58
5. Brugger SD et al (2019) Age-Dependent Dissimilarity of the Nasopharyngeal and Middle Ear Microbiota in Children with Acute Otitis Media. *Front. Genet.* 10: 555
6. Lynch T et al (2016) Molecular Evolution of a *Klebsiella pneumoniae* ST278 Iso-clone Harboring bla_{NDM-7} and Involved in Nosocomial Transmission. *J Infect Dis* 214 (5): 798-806
7. Tato M et al (2016) Multisite evaluation of Cepheid Xpert Carba-R assay for detection of carbapenemase-producing organisms in rectal swabs. *J Clin Microbiol* 54(7): 1814 –1819
8. Farfán-García AE et al (2017) Case-Control Pilot Study on Acute Diarrheal Disease in a Geographically Defined Pediatric Population in a Middle-Income Country. *Int J Pediatr* 2017: 6357597
9. Davido B et al (2018) Germs of thrones – spontaneous decolonization of Carbapenem-Resistant Enterobacteriaceae (CRE) and Vancomycin-Resistant Enterococci (VRE) in Western Europe: is this myth or reality? *Antimicrob Resist Infect Control* 7: 100
10. Sierra-Arguello YM et al (2018) Fluoroquinolone resistance in *Campylobacter jejuni* and *Campylobacter coli* from poultry and human samples assessed by PCR- restriction fragment length polymorphism assay. *PLoS ONE* 13(7): e0199974
11. Zhou M et al (2019) Active Surveillance of Carbapenemase-Producing Organisms (CPO) Colonization With Xpert Carba-R Assay Plus Positive Patient Isolation Proves to Be Effective in CPO Containment. *Front Cell Infect Microbiol* 9: 162
12. Otaguiri ES et al (2018) Development of a melting-curve based multiplex real-time PCR assay for simultaneous detection of *Streptococcus agalactiae* and genes encoding resistance to macrolides and lincosamides. *BMC Pregnancy Childbirth* 18(1): 126
13. Emery CL et al (2019) Multicenter evaluation of NeuMoDx group B *Streptococcus* assay on the NeuMoDx 288 molecular system. *J Clin Microbiol* 57: e01324-18
14. Boiko I et al (2020) Comparison of deferred and bedside culture of *Neisseria gonorrhoeae*: a study to improve the isolation of gonococci for antimicrobial susceptibility testing. *Iranian Journal of Microbiology* 12:216-222.
15. Lim JS et al (2018) Antibiotic Susceptibility and Treatment Response in Bacterial Skin Infection. *Ann Dermatol* 30(2): 186-191
16. Andersson T et al (2019) Common skin bacteria protect their host from oxidative stress through secreted antioxidant RoxP. *Sci Rep* 9(1): 3596
17. Chen NN et al (2019) Prevalence of microbial contamination in donor corneas. *Taiwan J Ophthalmol* 9(3): 179-184
18. Raymond F et al (2016) The initial state of the human gut microbiome determines its reshaping by antibiotics. *ISME J* 10 (3): 707-20



This document may contain product information otherwise not accessible or valid in your country. Please be aware that Copan Italia S.p.A. does take any responsibility for accessing such information which may not comply with any valid legal process, regulation, registration or usage in the country of your origin. Product clearance and availability restrictions may apply in some Countries. Please refer to Copan website (www.copangroup.com) to view and/or download the most recent version of the brochure. This document is mainly intended for marketing purposes, always consult product insert for complete information. The use of this product in association with diagnostic kits or instrumentation should be internally validated by the user. ©2021 Copan Italia. All rights reserved. The trademarks mentioned herein are property of Copan Italia S.p.A.
Code: JMKPF0o6Roo



@copangroup

Copan Italia s.p.a.
Via Francesco Perotti 10,
25125 Brescia, Italy

t | f +030 2687211
@ | info@copangroup.com
www.copangroup.com